Misrab Faizullah-Khan

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EDUCATION

STANFORD UNIVERSITY   2008-2013

M.S. Management Science & Engineering: Artificial Intelligence
B.A. Economics, Minor Computer Science

▸ Coursework includes Machine Learning, Databases, Convex Optimization, Computer Networking, Data Mining

UNITED WORLD COLLEGE OF SOUTH EAST ASIA   2004-2006

International Baccalaureate (IB) Diploma

▸ Total score: 44/45
Extra subject: Further Mathematics
Awards: National Youth Achievement Award, Economist of the Year

SKILLS

PROGRAMMING   Fluent in C, C++, Java, Python, Node.js, Matlab, Rails, SQL and more
PROJECTS   Neural network that identified spoken languages (pdf[1]); Youtube channel ranking system; Online auction mechanism design and more
LANGUAGES   English, French (native); Mandarin, Hindi, Turkish, Portuguese (advanced)

WORK

CONVEX OPTIMIZATION - Programmer   *Stanford Electrical Engineering*   Sept 2013-Mar 2014

▸ Had the honor of working under Prof. Stephen Boyd, contributing to the development of a python version of the 'cvx' convex optimization library

ENTREPRENEURSHIP - Co-founder   *Neurosplash*   Aug-Nov 2013

▸ Hand-wrote 30k+ lines of Node.js running on top of MongoDB and SQL for an online educational platform. Worked in amazing team of four. Demo available at afternoon-garden-4776.herokuapp.com

FINANCIAL MODELING - Data Analyst   *Gov. of S'pore Investment Corp (GIC)*   Jul-Aug 2012

▸ Constructed software financial models for the Australian real-estate market

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[1] Writeup at http://cs229.stanford.edu/proj2012/DeMoriFaizullahKhanHoltPruisken-SpokenLanguageClassification.pdf